

Senate File 288 - Introduced

SENATE FILE _____
BY HOGG

Passed Senate, Date _____ Passed House, Date _____
Vote: Ayes _____ Nays _____ Vote: Ayes _____ Nays _____
Approved _____

A BILL FOR

1 An Act relating to the adoption, application, and enforcement of
2 energy conservation requirements as a part of the state
3 building code.
4 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:
5 TLSB 2368XS 82
6 eg/je/5

PAG LIN

1 1 Section 1. Section 103A.8A, Code 2007, is amended to read
1 2 as follows:
1 3 103A.8A ENERGY CONSERVATION REQUIREMENTS.
1 4 1. The state building code commissioner shall adopt as a
1 5 part of the state building code a requirement that ~~new~~
~~1 6 single-family or two-family residential all~~ construction shall
1 7 comply with energy conservation requirements. The
1 8 requirements adopted by the commissioner shall be based upon a
1 9 nationally recognized standard or code for energy
1 10 conservation. The requirements shall ~~only~~ apply to
1 11 ~~single-family or two-family residential~~ construction commenced
1 12 after the adoption of the requirements. This chapter shall
1 13 not be construed to prohibit a governmental subdivision from
1 14 adopting or enacting a minimum energy standard which is
1 15 substantially in accordance and consistent with energy codes
1 16 and standards developed by a nationally recognized
1 17 organization in effect on or after July 1, 2002. A
1 18 governmental subdivision that adopts or enacts a minimum
1 19 energy standard which is substantially in accordance and
1 20 consistent with energy codes and standards developed by a
1 21 nationally recognized organization shall adopt or enact any
1 22 update or revision to the energy codes and standards.
1 23 2. ~~The state building code commissioner may provide~~
~~1 24 training to builders, contractors, and other interested~~
~~1 25 persons on the adopted energy conservation requirements.~~

1 26 Sec. 2. Section 103A.10, subsection 4, Code 2007, is
1 27 amended to read as follows:

1 28 4. Notwithstanding the provisions of section 103A.22,
1 29 subsection 1+

1 30 ~~a. Provisions, provisions~~ of the state building code
1 31 establishing thermal and lighting efficiency energy
1 32 conservation standards shall be applicable to all new
1 33 construction owned by the state, an agency of the state, or a
1 34 political subdivision of the state, to all new construction
1 35 located in a governmental subdivision which has adopted either
2 1 the state building code or a local building code or
2 2 compilation of requirements for building construction, and to
2 3 all other new construction in the state ~~which will contain~~
~~2 4 more than one hundred thousand cubic feet of enclosed space~~
~~2 5 that is heated or cooled.~~

2 6 ~~b. Provisions of the state building code establishing~~
~~2 7 lighting efficiency standards shall be applicable to all new~~
~~2 8 construction owned by the state, an agency of the state or a~~
~~2 9 political subdivision of the state and to all new~~
~~2 10 construction, in the state, of buildings which are open to the~~
~~2 11 general public during normal business hours.~~

2 12 Sec. 3. Section 103A.19, unnumbered paragraph 3, Code
2 13 2007, is amended to read as follows:

2 14 The specifications for all buildings to be constructed
2 15 after July 1, ~~1977~~ 2008, ~~and which exceed a total volume of~~
~~2 16 one hundred thousand cubic feet of enclosed space that is~~
~~2 17 heated or cooled~~ shall be reviewed by a registered architect
2 18 or registered engineer for compliance with applicable energy
2 19 efficiency standards. A statement that a review has been

2 20 accomplished and that the design is in compliance with the
2 21 energy efficiency standards shall be signed and sealed by the
2 22 responsible registered architect or registered engineer. This
2 23 statement shall be filed with the commissioner prior to
2 24 construction. If the specifications relating to energy
2 25 efficiency for a specific structure have been approved,
2 26 additional buildings may be constructed from those same plans
2 27 and specifications without need of further approval if
2 28 construction begins within five years of the date of approval.
2 29 Alterations of a structure which has been previously approved
2 30 shall not require a review because of these changes, provided
2 31 the basic structure remains unchanged. On or before December
2 32 31, 2008, each governmental subdivision of the state shall
2 33 report to the commissioner on the status of the governmental
2 34 subdivision's efforts to enforce applicable energy efficiency
2 35 standards.

3 1 EXPLANATION

3 2 This bill requires the state building code commissioner to
3 3 adopt as part of the state building code a requirement that
3 4 all construction must comply with energy conservation
3 5 requirements. The bill allows the state building code
3 6 commissioner to provide training to builders, contractors, and
3 7 other interested persons on the adopted energy conservation
3 8 requirements.

3 9 The bill consolidates the thermal and lighting efficiency
3 10 standards provisions. Provisions of the state building code
3 11 establishing thermal and lighting efficiency energy
3 12 conservation standards shall be applicable to all new
3 13 construction owned by the state, an agency of the state, or a
3 14 political subdivision of the state, to all new construction
3 15 located in a governmental subdivision which has adopted either
3 16 the state building code or a local building code or
3 17 compilation of requirements for building construction, and to
3 18 all other new construction in the state.

3 19 The bill requires that all buildings constructed after July
3 20 1, 2008, comply with applicable energy efficiency standards.

3 21 A registered architect or registered engineer must review the
3 22 specifications for compliance with applicable energy
3 23 efficiency standards. A statement that a review has been
3 24 accomplished and that the design is in compliance with the
3 25 energy efficiency standards must be signed and sealed by the
3 26 responsible registered architect or registered engineer. This
3 27 statement must be filed with the commissioner prior to
3 28 construction.

3 29 The bill also requires that on or before December 31, 2008,
3 30 each city and county report to the state building code
3 31 commissioner on the status of efforts taken to enforce
3 32 applicable energy efficiency standards.

3 33 LSB 2368XS 82

3 34 eg:nh/je/5.1